

PART B - FEE(S) TRANSMITTAL

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55389

7590

12/12/2006

KNOBBE, MARTENS, OLSON & BEAR, LLP
 2040 MAIN STREET
 FOURTEENTH FLOOR
 IRVINE, CA 92614

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(Depositor's name)

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10719370	11/21/2003	Donna T. Ward	PTS-0070US.P1	3593

TITLE OF INVENTION: MODULATION OF HIF1ALPHA AND HIF2ALPHA EXPRESSION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	03/12/2007
EXAMINER	ART UNIT	CLASS-SUBCLASS				
ZARA, JANE J	1635	435-458000				

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm, having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Isis Pharmaceuticals, Inc.
 Patent Department
 2. Knobbe, Martens, Olson
 and Bear, LLP
 3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

ISIS PHARMACEUTICALS, INC.

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Carlsbad, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are submitted:

- Issue Fee
- Publication Fee (No small entity discount permitted)
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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature 

Date March 12, 2007

Typed or printed name Jerry L. Hefner

Registration No. 53,009

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